

ABSTRACT

The wavefront aberrator of the present invention includes a pair of transparent windows, or plates, separated by a layer of monomers and polymerization initiator, including a broad class of epoxies. This monomer exhibits a variable index of refraction across the layer, resulting from controlling the extent of its curing. Curing of the epoxy may be made by exposure to light, such as ultraviolet light. The exposure to light may be varied across the surface of the epoxy to create a particular and unique refractive index profile.

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Page: 25